



Transportation Commission

June 6, 2012



Funding Update

Agenda Item #2



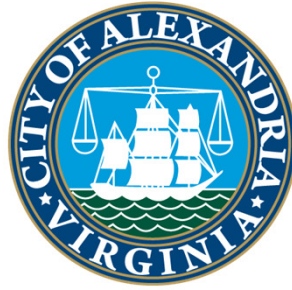
Funding Update

- **City Council:**
 - Approved (on May 6) the City's FY2013 Operating budget and FY2013-18 CIP.
 - Approved the design of Route 1 High Capacity Transitway on May 12
 - Approved reallocation of City's Transportation Improvement funds to pay for first year of operations for Capital Bikeshare pilot program.
- **Commonwealth Transportation Board:**
 - City sent letter to CTB commenting on the Draft 6 Year Plan (FY2013-18).
- **TPB:**
 - Adopted a Complete Streets Policy for the National Capital Region.



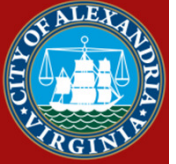
Funding Update

- **WMATA:**
 - Board approved FY 2013 operating and capital budget. Budget includes shifting some blue line trains to the bridge going over the Potomac River (rather than Rosslyn tunnel) in preparation for changes needed for Silver line implementation. Alexandria and Arlington have developed a bus alternative for people to travel from Alexandria to the Rosslyn-Ballston corridor.
- **NVTC:**
 - Board approved NVTC applying for FTA grant to conduct environmental work needed for Potomac Yard Metro Station.
 - NVTC and jurisdictions given directive to change the way Commonwealth funds are given to jurisdictions in Northern VA.
- **NVTA:**
 - The 2040 Transportation Plan was discussed at the May 10 meeting.



Transportation Planning Administrative Guidelines

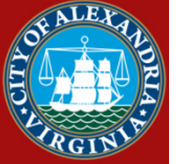
Agenda Item #3



Transportation Planning Administrative Guidelines

Purpose:

- Supplement the TMP Ordinance
- Formalize the multi-modal approach in the City's Transportation Master Plan
- Create certainty for applicants and staff by documenting the process already taking shape
- Standardize the required elements of transportation studies associated with the development process
- Incorporate the Complete Streets Checklist



Transportation Planning Administrative Guidelines

Three parts:

1. Introduction and Process
2. TMP Supplemental Guidelines
3. Multi-modal Transportation Study Guidelines



Multi-modal Transportation Study Guidelines

Standardizes for all modes

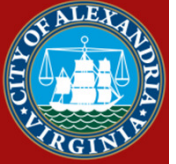
- Tables, graphics, and appendices
- Acceptable resources
- Horizon years
- Study area and intersections to be analyzed

Recognizing that there are unique circumstances, a scoping meeting will be held for each project requiring a transportation study.



Comprehensive Analysis

- Vehicular
 - Standardizes data collection, scenarios to be analyzed and methodologies
- Transit
 - Existing conditions for service and infrastructure
 - LOS for medium and large developments
 - Future ridership projections



Comprehensive Analysis

- Bicycling and Pedestrian
 - Standardizes data collection and future conditions to document
- Parking
 - Analysis required for parking modifications
 - Expectations for data collection, using comparable ratios and shared parking



Mitigation

- Develops comprehensive mitigation strategies across all modes.
- Desired mitigation may be a bike trail or transit infrastructure as opposed to a turn lane or a traffic signal as may have been identified in a traditional traffic study.
- Recognizes that the overall benefits of the development may outweigh a particular impact.



Crystal City-Potomac Yard Transitway Update

Agenda Item #4

Route 1 Today



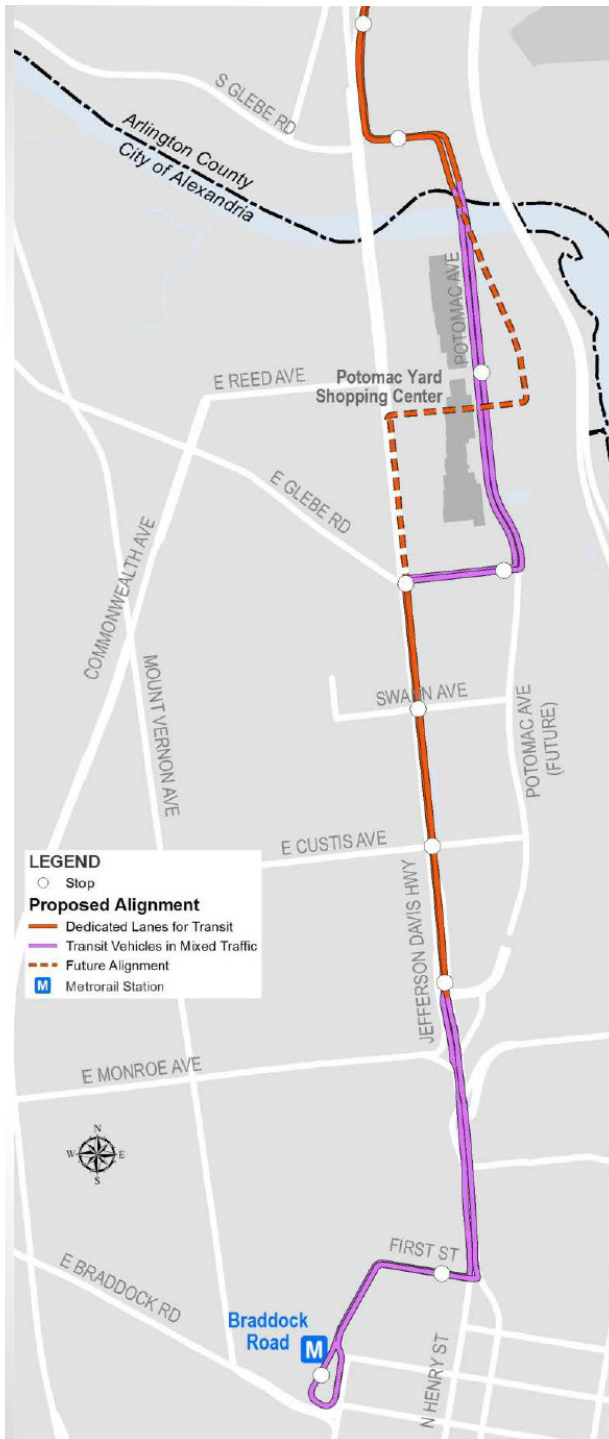
Overview

- City Council approved a Bus Rapid Transit (BRT) facility in Route 1 within the median (April 2011).
- Crystal City-Potomac Yard (CCPY) Transitway– 5-mile length of priority transit service.
- TIGER grant - \$8.5 million.
- Route 1 BRT is a portion of the CCPY (Segment B) from Potomac Ave to E Glebe Rd
- Design-Build contract began in November 2011; construction scheduled to begin in July 2012; with an opening date of December 2013.
- Planning Commission approval of design elements (May 1, 2012)
- City Council approval of design elements (May 12, 2012)



Project Specifics

- **Route 1**
 - Northbound widened by Potomac Yard Developer
 - Existing northbound lanes repurposed to transit lanes
 - Southbound lanes remain untouched
- **2-lane transit-only corridor. 12-foot landscaped medians on either side. Medians taper to allow left-turn lanes at signalized intersections.**
- **7 stations within section**
 - East Glebe Rd – SB only (NB located in Potomac Yard)
 - East Swann Avenue – two stations – far side
 - East Custis Avenue – two station – far side
 - Potomac Avenue – two stations – both on north side of intersection.



Access to/from Route 1

Right-in/Right-out will be required at:

- Hume Avenue
- Raymond Avenue
- Calvert Avenue
- Fannon Street
- Windsor Avenue
- Bellefonte Ave

Signalized intersections:

- East Glebe Road
- Swann Avenue
- Custis Avenue
- Howell Avenue
- Potomac Avenue

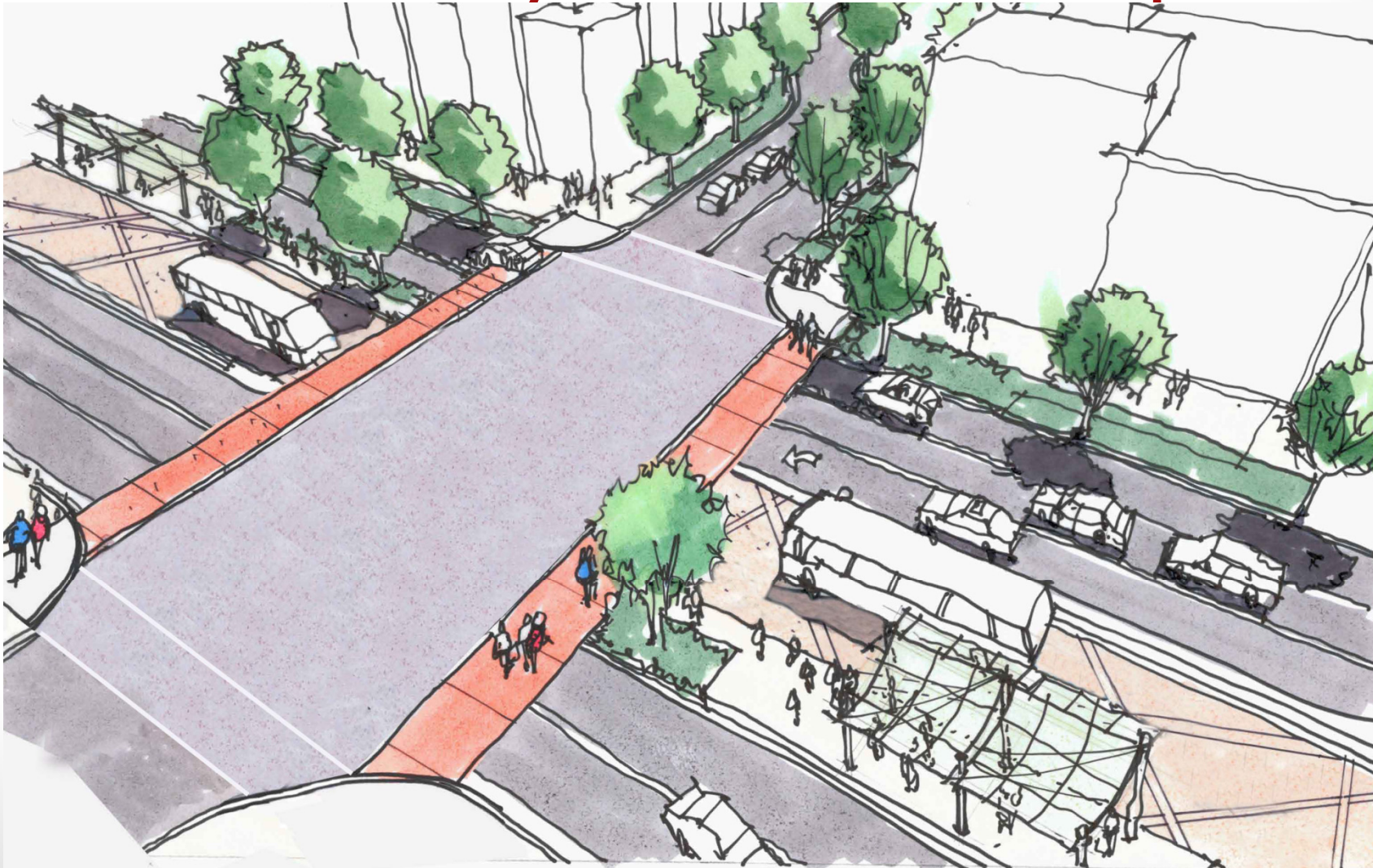




Elements of the Project

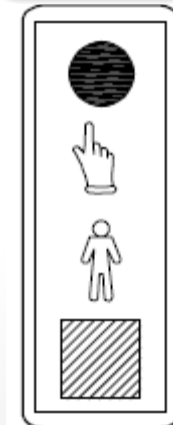
- Median dedicated Bus Rapid Transit (BRT) lanes providing service that is:
 - efficient
 - reliable
 - safe
- Pedestrian safety and accessibility
- Maintain urban boulevard character of Route 1
- Maintain adequate traffic flow on Route 1
- Provide environmentally and context-sensitive design elements
- Set a standard for future transitway(s) within City

Schematic of Route 1 in Vicinity of Transit Stops



Pedestrian Amenities

- Colored concrete crosswalks across Route 1
- High emphasis crosswalks on cross-streets to Route 1
- Countdown pedestrian signals
- High-visibility pedestrian-crossing signage
- Additional time allocated to pedestrians in the signal timing
- Additional lighting at stations
- Landscaping to direct pedestrians to use crosswalks
- Way-finding signage at the stations



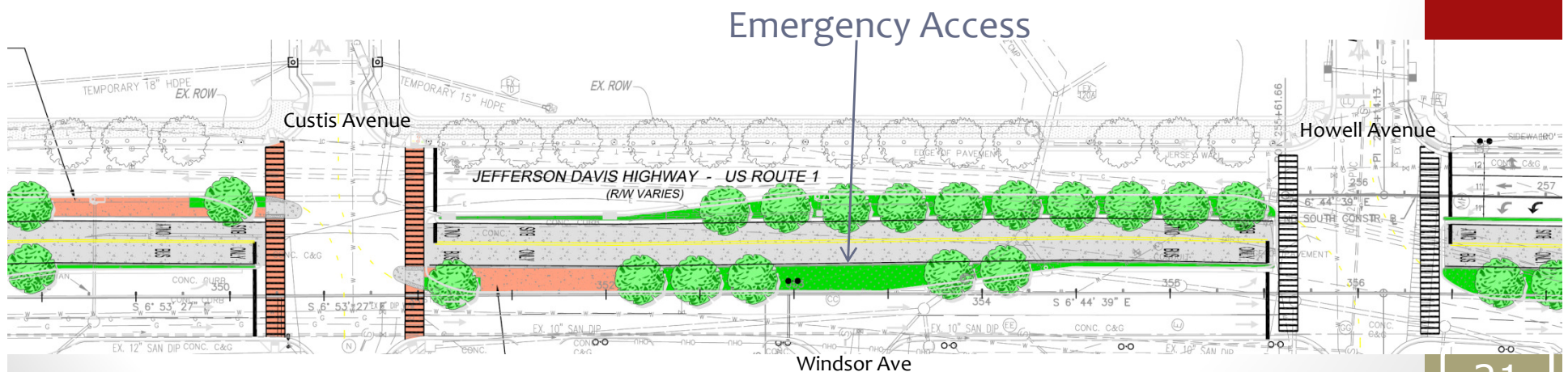


Lighting

- Concentrated at station locations and crosswalks.
- Along transitway, minimal additional lighting. Proposed double acorn lights if needed.
- Lighting at stations to be at 2.0 foot-candles (same as parking lot lighting level).

Landscaping

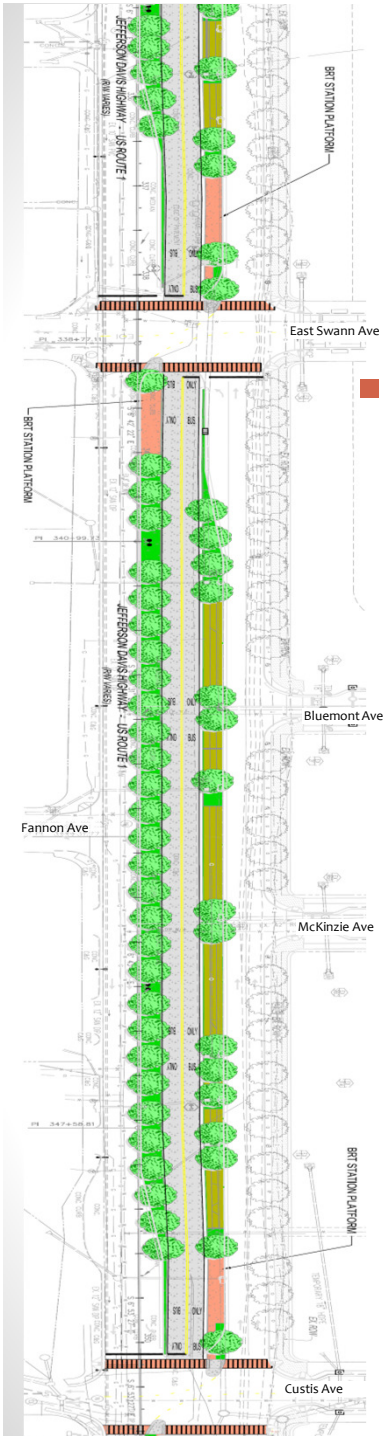
- Trees in both medians will mimic east side of Route 1 except due to:
 - Emergency Vehicle Access needs
 - Hume Ave (west median)
 - Maskell Street (east median)
 - Windsor Ave (west median)
- Currently determining schedule for plantings



Stormwater

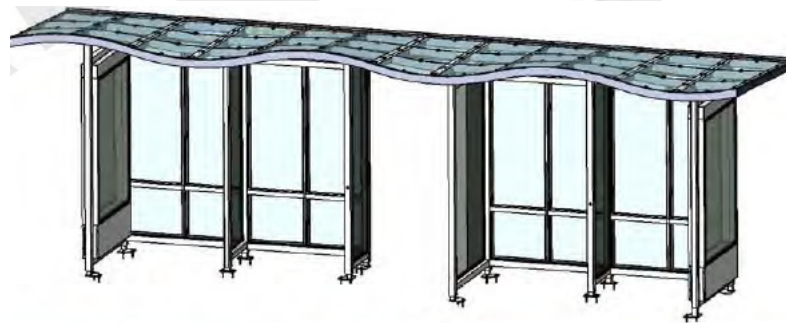
Required by State Watershed Implementation Plan to treat as much stormwater as possible affecting Chesapeake Bay.

- South of Maskell flowing to Pond 2
- North of Howell flowing to Pond 3
- Only small location available for stormwater treatment



←
Filterra
installation

Station Design Concepts





Next Steps

- Public Meeting on Concept Designs for Station – June 14, 2012 6:30-8:30pm at Cora Kelly Recreation Center
- Construction Scheduled to Begin in July 2012
- Opening of Route 1 BRT Between Potomac Avenue and East Glebe Road in December 2013.



For more information on this
project or other capital or
planning projects in
Potomac Yard:

www.alexandriava.gov/potomacyard



Long Range Transportation Plan

Agenda Item #5

New Projects

Project #17 Van Dorn/Braddock
Identified in Beauregard Plan



New Projects

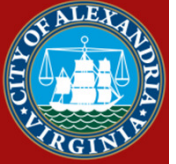
Project #18 Beauregard/Braddock Identified in Beauregard Plan



New Projects

Project #19 Quaker Lane/Seminary BRAC





New Projects

- Project #20 Pedestrian improvements at the foot of King Street (Waterfront SAP)
- Project #21 Bicycle Parking at the Waterfront (Waterfront SAP)



New Studies

1. Van Dorn Metrorail Station Access and Circulation Study #19
2. Transit Corridor A- Circulator Service (Transit Corridor Workgroup) #20
3. Parking requirements in Braddock (moved from programs) #21
4. HOV Lanes (moved from programs) #22

Comparative Project Ranking



2011 LRP

2012 LRP (draft)

	Old	New
1 Potomac Yard Intermodal transit center	1 Potomac Yard Intermodal transit center	1
2 West End Transit Shop	2 West End Transit Shop	2
3 Transit Corridor A - Transitway from Braddock Road to King Street	6 Van Dorn Street bridge widening	3
4 Pedestrian / Bicycle connection from Potomac Yard to Four Mile Run Trail	4 Pedestrian / Bicycle connection from Potomac Yard to Four Mile Run Trail	4
5 Eisenhower Avenue Metrorail Platform Extension	5 Eisenhower Avenue Metrorail Platform Extension	5
6 Van Dorn Street bridge widening	7 Bradlee Transit Center	6
7 Bradlee Transit Center	3 Transit Corridor A - Transitway from Braddock Road to King Street	7
8 Streetscape improvements to Mount Vernon Avenue	10 Construct Metro Station Road (Eisenhower)	8
9 Construct Elizabeth Lane extension	9 Construct Elizabeth Lane extension	9
10 Construct Metro Station Road (Eisenhower)	16 Edsall Road Connector to Farrington Avenue and South Pickett Street	10
11 Clermont Interchange with I-95 and connection to Eisenhower Avenue	15 South Van Dorn Street Improvements at the City Limits	11
12 I-395 access to West End Town Center	13 Construct Holland Lane Extension	12
13 Construct Holland Lane Extension	11 Clermont Interchange with I-95 and connection to Eisenhower Avenue	13
14 Interstate 95 Service Road Between U.S. Route 1 and Telegraph Road With Connections to Mill Road	12 I-395 access to West End Town Center	14
15 South Van Dorn Street Improvements at the City Limits		
16 Edsall Road Connector to Farrington Avenue and South Pickett Street		



Next Steps

- Rank New Projects (prior to July meeting)
- July 11, 2012 Public Hearing
- Adopt LRP



Staff Updates

Agenda Item #6